





```
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 620
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-620

Query Match      100.0%; Score 1865; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
DB 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
QY 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
DB 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
QY 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
DB 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357
DB 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 5
US-10-600-816-3
; Sequence 3, Application US/10600816
; Publication No. US20040121362A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION
; FILE REFERENCE: D0251 NP
; CURRENT APPLICATION NUMBER: US/10/600,816
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: U.S. 60/390,850
; PRIOR FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: U.S. 60/407,006
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-600-816-3

Query Match      100.0%; Score 1865; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
DB 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
QY 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
DB 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
QY 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
DB 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357
DB 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 7
US-10-600-816-3
; Sequence 3, Application US/10600816
; Publication No. US20040121362A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION
; FILE REFERENCE: D0251 NP
; CURRENT APPLICATION NUMBER: US/10/600,816
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: U.S. 60/390,850
; PRIOR FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: U.S. 60/407,006
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-600-816-3

Query Match      100.0%; Score 1865; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
DB 1 MATTVPDGCRCNLGKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTPTFRFFLGLFISCFSCLLAHAVSLT 120
QY 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
DB 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAIEYIVLTNRNTNVNVFSELSAPRNEDFVLL 180
QY 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
DB 181 LTVVLFMLALTFLMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAIVITLLMLPDFDRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357
DB 301 SQEITQGFEEGTDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357
```

Wed Jun 14 13:39:16 2006

US-10-600-816-21  
; Sequence 21, Application US/10600816  
; Publication No. US20040121362A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR  
; TITLE OF INVENTION: (GPCR) RAI3, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY  
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION  
; FILE REFERENCE: D0251 NP  
; CURRENT APPLICATION NUMBER: US/10/600,816  
; CURRENT FILING DATE: 2003-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/390,850  
; PRIOR FILING DATE: 2002-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/407,006  
; PRIOR FILING DATE: 2002-08-29  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 21  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-600-816-21

Query Match 100.0%; Score 1865; DB 4; Length 357;  
Best Local Similarity 100.0%; Pred. No. 2,7e-171;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MATVPDGCRLGKSKYRLCDKAEAGIVLETATAGVVTVAEMLTLPILVCKVQDSN 60  
DB 1 MATVPDGCRLGKSKYRLCDKAEAGIVLETATAGVVTVAEMLTLPILVCKVQDSN 60  
QY 61 RRKMLPTQFLFLGLVIGIFGLTFAFIIGLDGSGTPTFRFLGILFSCFCLLAHAVSLT 120  
DB 61 RRKMLPTQFLFLGLVIGIFGLTFAFIIGLDGSGTPTFRFLGILFSCFCLLAHAVSLT 120  
QY 121 KLVGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFSELSAPRNEDEFVLL 180  
DB 121 KLVGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFSELSAPRNEDEFVLL 180  
QY 181 LTVVFLMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240  
DB 181 LTVVFLMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240  
QY 241 DDTILSALAANGWVFLAVVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300  
DB 241 DDTILSALAANGWVFLAVVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300  
QY 301 SQBEITQGFETGDTLYAPYSTHFQNLQNPQKQFESIPRAHAWPSPYKDYEVKKEGS 357  
DB 301 SQBEITQGFETGDTLYAPYSTHFQNLQNPQKQFESIPRAHAWPSPYKDYEVKKEGS 357

RESULT 8  
US-10-935-190-21  
; Sequence 21, Application US/10935190  
; Publication No. US20050037464A1  
; GENERAL INFORMATION:  
; APPLICANT: INCYTE GENOMICS, INC.  
; APPLICANT: AU-YOUNG, Janice  
; APPLICANT: BANDMAN, Olga  
; APPLICANT: TANG, Y. Tom  
; APPLICANT: YUE, Henry  
; APPLICANT: AZIMZAI, Yalda  
; APPLICANT: BURFORD, Neil  
; APPLICANT: BAUGHN, Maria R.  
; APPLICANT: LU, Dying Aina M.  
; APPLICANT: HILLMAN, Jennifer L.  
; APPLICANT: PATTERSON, Chandra  
; TITLE OF INVENTION: RECEPTORS AND ASSOCIATED PROTEINS  
; FILE REFERENCE: PF-0726 PCT  
; CURRENT APPLICATION NUMBER: US/10/935,190  
; CURRENT FILING DATE: 2004-09-08

; PRIOR APPLICATION NUMBER: US/10/031,904  
; PRIOR FILING DATE: 2002-01-18  
; PRIOR APPLICATION NUMBER: 60/145,232; 60/158,578; 60/165,192  
; PRIOR FILING DATE: 1999-07-21; 1999-10-07; 1999-11-12  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PERL Program  
; SEQ ID NO 21  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Incyte ID No: 2681738CD1  
US-10-935-190-21  
Query Match 100.0%; Score 1865; DB 5; Length 357;  
Best Local Similarity 100.0%; Pred. No. 2,7e-171;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MATVPDGCRLGKSKYRLCDKAEAGIVLETATAGVVTVAEMLTLPILVCKVQDSN 60  
DB 1 MATVPDGCRLGKSKYRLCDKAEAGIVLETATAGVVTVAEMLTLPILVCKVQDSN 60  
QY 61 RRKMLPTQFLFLGLVIGIFGLTFAFIIGLDGSGTPTFRFLGILFSCFCLLAHAVSLT 120  
DB 61 RRKMLPTQFLFLGLVIGIFGLTFAFIIGLDGSGTPTFRFLGILFSCFCLLAHAVSLT 120  
QY 121 KLVGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFSELSAPRNEDEFVLL 180  
DB 121 KLVGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFSELSAPRNEDEFVLL 180  
QY 181 LTVVFLMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240  
DB 181 LTVVFLMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240  
QY 241 DDTILSALAANGWVFLAVVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300  
DB 241 DDTILSALAANGWVFLAVVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300  
QY 301 SQBEITQGFETGDTLYAPYSTHFQNLQNPQKQFESIPRAHAWPSPYKDYEVKKEGS 357  
DB 301 SQBEITQGFETGDTLYAPYSTHFQNLQNPQKQFESIPRAHAWPSPYKDYEVKKEGS 357  
RESULT 9  
US-10-936-626-118  
; Sequence 118, Application US/10936626  
; Publication No. US20050106644A1  
; GENERAL INFORMATION:  
; APPLICANT: Cairns, Belinda  
; APPLICANT: Chen, Ruihuan  
; APPLICANT: Frantz, Gretchen  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Koepfen, Hartmut  
; APPLICANT: Phillips, Heidi S.  
; APPLICANT: Polakis, Paul  
; APPLICANT: Spencer, Susan D.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wu, Thomas D.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and  
; FILE REFERENCE: P5001R1P1  
; CURRENT APPLICATION NUMBER: US/10/936,626  
; CURRENT FILING DATE: 2004-09-08  
; PRIOR APPLICATION NUMBER: US 10/872,991  
; PRIOR FILING DATE: 2004-06-21  
; PRIOR APPLICATION NUMBER: US 10/872,972  
; PRIOR FILING DATE: 2004-06-21  
; PRIOR APPLICATION NUMBER: US 10/241,220  
; PRIOR FILING DATE: 2002-09-11  
; PRIOR APPLICATION NUMBER: US 10/177,488

```
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 118
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-936-626-118

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPDCRNLGKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
DB 1 MATTVPDCRNLGKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFSICFSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFSICFSCLLAHAVSLT 120
QY 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNSELSAPRNEDEFVLL 180
DB 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNSELSAPRNEDEFVLL 180
QY 181 LTYVLFMLALTFMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWAIVITLMLPDDRRW 240
DB 181 LTYVLFMLALTFMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWAIVITLMLPDDRRW 240
QY 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
DB 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
QY 301 SQEITQGFETGDTLVAPYSTHFQLOQNPQKSFSPRAHAWSPYKDYEVKKEGS 357
DB 301 SQEITQGFETGDTLVAPYSTHFQLOQNPQKSFSPRAHAWSPYKDYEVKKEGS 357

RESULT 10
US-10-936-626-142
; Sequence 142, Application US/10936626
; Publication No. US20050106644A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koepfen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
; FILE REFERENCE: P5001R1P1
; CURRENT APPLICATION NUMBER: US/10/936,626
; CURRENT FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: US 10/872,991
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/872,972
; PRIOR FILING DATE: 2004-06-21
```

```
; PRIOR APPLICATION NUMBER: US 10/241,220
; PRIOR FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: US 10/177,488
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 142
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-936-626-142

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPDCRNLGKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
DB 1 MATTVPDCRNLGKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFSICFSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFSICFSCLLAHAVSLT 120
QY 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNSELSAPRNEDEFVLL 180
DB 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNSELSAPRNEDEFVLL 180
QY 181 LTYVLFMLALTFMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWAIVITLMLPDDRRW 240
DB 181 LTYVLFMLALTFMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWAIVITLMLPDDRRW 240
QY 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
DB 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
QY 301 SQEITQGFETGDTLVAPYSTHFQLOQNPQKSFSPRAHAWSPYKDYEVKKEGS 357
DB 301 SQEITQGFETGDTLVAPYSTHFQLOQNPQKSFSPRAHAWSPYKDYEVKKEGS 357

RESULT 11
US-10-938-061-118
; Sequence 118, Application US/10938061
; Publication No. US20050107595A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koepfen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; APPLICANT: Sakaraka, Chie
; APPLICANT: Chundharapai, Anan
; APPLICANT: Reeth Chae J.
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
; FILE REFERENCE: P5001R1P1B
```

Wed Jun 14 13:39:16 2006

CURRENT APPLICATION NUMBER: US/10/938,061
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 10/872,991
PRIOR FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US 10/872,972
PRIOR FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US 10/241,220
PRIOR FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: US 10/177,488
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US 60/299,500
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: US 60/301,880
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/323,268
PRIOR FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: US 60/557,116
PRIOR FILING DATE: 2004-03-26
PRIOR APPLICATION NUMBER: US 60/598,899
PRIOR FILING DATE: 2004-08-04
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 118
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-10-938-061-118

Query Match 100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171; Indels 0; Gaps 0;
Matches 357; Conservative 0; Mismatches 0;

QY 1 MATTPDGRNGKSKYYRLCDKAEAGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
DB 1 MATTPDGRNGKSKYYRLCDKAEAGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLIFGLTFAFIIGLDGSGTPTTRFFLGLFISCSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLIFGLTFAFIIGLDGSGTPTTRFFLGLFISCSCLLAHAVSLT 120
QY 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
DB 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
QY 181 LTVVLFMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRRW 240
DB 181 LTVVLFMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFELLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFELLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPPQKEFSIPRAHAWSPYKDYEVKKEGS 357
DB 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPPQKEFSIPRAHAWSPYKDYEVKKEGS 357

RESULT 12
US-10-938-061-142
Sequence 142, Application US/10938061
Publication No. US20050107595A1
GENERAL INFORMATION:
APPLICANT: Cairns, Belinda
APPLICANT: Chen, Ruihan
APPLICANT: Frantz, Gretchen
APPLICANT: Hillan, Kenneth J.
APPLICANT: Koepfen, Hartmut
APPLICANT: Phillips, Heidi S.
APPLICANT: Polakis, Paul
APPLICANT: Spencer, Susan D.
APPLICANT: Smith, Victoria
APPLICANT: Williams, P. Mickey
APPLICANT: Wu, Thomas D.
APPLICANT: Zhang, Zemin

APPLICANT: Sakanaka, Chie
APPLICANT: Chuntarapai, Anan
APPLICANT: Reed Chae J.
TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
FILE REFERENCE: P5001R1P1B
CURRENT APPLICATION NUMBER: US/10/938,061
CURRENT FILING DATE: 2004-09-10
PRIOR APPLICATION NUMBER: US 10/872,991
PRIOR FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US 10/872,972
PRIOR FILING DATE: 2004-06-21
PRIOR APPLICATION NUMBER: US 10/241,220
PRIOR FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: US 10/177,488
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US 60/299,500
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: US 60/301,880
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: US 60/323,268
PRIOR FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: US 60/557,116
PRIOR FILING DATE: 2004-03-26
PRIOR APPLICATION NUMBER: US 60/598,899
PRIOR FILING DATE: 2004-08-04
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 142
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-10-938-061-142

Query Match 100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171; Indels 0; Gaps 0;
Matches 357; Conservative 0; Mismatches 0;

QY 1 MATTPDGRNGKSKYYRLCDKAEAGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
DB 1 MATTPDGRNGKSKYYRLCDKAEAGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLIFGLTFAFIIGLDGSGTPTTRFFLGLFISCSCLLAHAVSLT 120
DB 61 RRKMLPTQFLFLGLVGLIFGLTFAFIIGLDGSGTPTTRFFLGLFISCSCLLAHAVSLT 120
QY 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
DB 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
QY 181 LTVVLFMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRRW 240
DB 181 LTVVLFMALTFMLSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFELLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFELLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPPQKEFSIPRAHAWSPYKDYEVKKEGS 357
DB 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPPQKEFSIPRAHAWSPYKDYEVKKEGS 357

RESULT 13
US-10-510-507-1
Sequence 1, Application US/10510507
Publication No. US20050282165A1
GENERAL INFORMATION:
APPLICANT: Terrett, Jonathan A
TITLE OF INVENTION: DIAGNOSIS OF CARCINOMA USING RAI01 POLYPEPTIDES
FILE REFERENCE: 2543-1-039PCT/US
CURRENT APPLICATION NUMBER: US/10/510,507
CURRENT FILING DATE: 2004-10-07
PRIOR APPLICATION NUMBER: GB0208331.9





Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60  
Db 1 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60  
Qy 61 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 120  
Db 61 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 120  
Qy 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 180  
Db 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 180  
Qy 181 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 240  
Db 181 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 240  
Qy 241 DDTILSSALAANGWVFLAYVSPFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300  
Db 241 DDTILSSALAANGWVFLAYVSPFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300  
Qy 301 SOEITQGFETGDTLYAPYSTHFQLOQNPQKFEFSIPRAHAWPSPYKDYEVKKEGS 357  
Db 301 SOEITQGFETGDTLYAPYSTHFQLOQNPQKFEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 18  
US-10-600-816-8  
; Sequence 8, Application US/10600816  
; Publication No. US20040121362A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR  
; TITLE OF INVENTION: (GPCR), RAI3, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY  
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION  
; FILE REFERENCE: D0251 NP  
; CURRENT APPLICATION NUMBER: US/10/600,816  
; CURRENT FILING DATE: 2003-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/390,850  
; PRIOR FILING DATE: 2002-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/407,006  
; PRIOR FILING DATE: 2002-08-29  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 8  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-600-816-8

Query Match 99.8%; Score 1861; DB 4; Length 357;  
Best Local Similarity 99.7%; Pred. No. 6.5e-171;  
Matches 356; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60  
Db 1 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60  
Qy 61 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 120  
Db 61 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 120  
Qy 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 180  
Db 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 180  
Qy 181 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 240  
Db 181 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 240  
Qy 241 DDTILSSALAANGWVFLAYVSPFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300

Publication No. US20040005579A1  
; GENERAL INFORMATION:  
; APPLICANT: Birse et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PA133P1  
; CURRENT APPLICATION NUMBER: US/10/264,049  
; CURRENT FILING DATE: 2002-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/18569  
; PRIOR FILING DATE: 2001-06-07  
; PRIOR APPLICATION NUMBER: US 60/209,467  
; PRIOR FILING DATE: 2000-06-07  
; NUMBER OF SEQ ID NOS: 4360  
; SOFTWARE: PatentIn Ver. 3.1  
; SEQ ID NO 3009  
; LENGTH: 409  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-264-049-3009

Query Match 100.0%; Score 1865; DB 4; Length 409;  
Best Local Similarity 100.0%; Pred. No. 3.2e-171;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 60  
Db 53 MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMTLTPILVCKVQDSN 112  
Qy 61 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 120  
Db 113 RRKMLPTQFLFLGLVGLIGLTFAPFIIGDGGSTGPTFFLFGILFSCFSCLLAHAVSLT 172  
Qy 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 180  
Db 173 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTNRNTNVNFSELSAPRNEDFVLL 232  
Qy 181 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 240  
Db 233 LTYVLFMLTFLMSSFTFCGSGFTGWRKHGAHIYLTMLLSIAIWAVITLLMLPDDRRW 292  
Qy 241 DDTILSSALAANGWVFLAYVSPFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300  
Db 293 DDTILSSALAANGWVFLAYVSPFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 352  
Qy 301 SOEITQGFETGDTLYAPYSTHFQLOQNPQKFEFSIPRAHAWPSPYKDYEVKKEGS 357  
Db 353 SOEITQGFETGDTLYAPYSTHFQLOQNPQKFEFSIPRAHAWPSPYKDYEVKKEGS 409

RESULT 17  
US-10-505-486-94  
; Sequence 94, Application US/10505486  
; Publication No. US20050118639A1  
; GENERAL INFORMATION:  
; APPLICANT: Takeda Chemical Industries, Ltd.  
; TITLE OF INVENTION: Determination of a ligand  
; FILE REFERENCE: P03-0006PCT  
; CURRENT APPLICATION NUMBER: US/10/505,486  
; CURRENT FILING DATE: 2004-08-20  
; PRIOR APPLICATION NUMBER: JP 2002-45728  
; PRIOR FILING DATE: 2002-02-22  
; PRIOR APPLICATION NUMBER: JP 2002-213949  
; PRIOR FILING DATE: 2002-07-23  
; PRIOR APPLICATION NUMBER: JP 2002-298237  
; PRIOR FILING DATE: 2002-10-11  
; NUMBER OF SEQ ID NOS: 233  
; SEQ ID NO 94  
; LENGTH: 595  
; TYPE: PRT  
; ORGANISM: Human  
US-10-505-486-94

Query Match 100.0%; Score 1865; DB 5; Length 595;  
Best Local Similarity 100.0%; Pred. No. 5.3e-171;



Db 241 DDTILSSALAANGWVFLAYVSPFLLTKQRNPMDDYPVEDAFCKPQLVKVSGYENRAY 300  
QY 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357  
Db 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 19

US-10-600-816-9  
; Sequence 9, Application US/10600816  
; Publication No. US20040121362A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR  
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY  
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION  
; FILE REFERENCE: D0251 NP  
; CURRENT APPLICATION NUMBER: US/10/600,816  
; PRIOR FILING DATE: 2003-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/390,850  
; PRIOR FILING DATE: 2002-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/407,006  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 9  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-600-816-9

Query Match 99.8%; Score 1861; DB 4; Length 357;  
Best Local Similarity 99.7%; Pred. No. 6.5e-171;  
Matches 356; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTPDGRNGLSKSYRLCDKAEAGIVLETATAGVVTSAFVMTLPILVCKVQDSN 60  
Db 1 MATTPDGRNGLSKSYRLCDKAEAGIVLETATAGVVTSAFVMTLPILVCKVQDSN 60  
QY 61 RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTTRFFLGLFISCFSCLLAHAVSLT 120  
Db 61 RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTTRFFLGLFISCFSCLLAHAVSLT 120  
QY 121 KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNTNNVFSSELSAPRNEDFVLL 180  
Db 121 KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNTNNVFSSELSAPRNEDFVLL 180  
QY 181 LTYVLFMALTFMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRW 240  
Db 181 LTYVLFMALTFMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRW 240  
QY 241 DDTILSSALAANGWVFLAYVSPFLLTKQRNPMDDYPVEDAFCKPQLVKVSGYENRAY 300  
Db 241 DDTILSSALAANGWVFLAYVSPFLLTKQRNPMDDYPVEDAFCKPQLVKVSGYENRAY 300  
QY 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357  
Db 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 20

US-10-600-816-17  
; Sequence 17, Application US/10600816  
; Publication No. US20040121362A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR  
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY  
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION  
; FILE REFERENCE: D0251 NP  
; CURRENT APPLICATION NUMBER: US/10/600,816  
; PRIOR FILING DATE: 2003-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/390,850

; PRIOR FILING DATE: 2002-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/407,006  
; PRIOR FILING DATE: 2002-08-29  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-600-816-17

Query Match 99.7%; Score 1860; DB 4; Length 357;  
Best Local Similarity 99.7%; Pred. No. 8.2e-171;  
Matches 356; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 MATTPDGRNGLSKSYRLCDKAEAGIVLETATAGVVTSAFVMTLPILVCKVQDSN 60  
Db 1 MATTPDGRNGLSKSYRLCDKAEAGIVLETATAGVVTSAFVMTLPILVCKVQDSN 60  
QY 61 RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTTRFFLGLFISCFSCLLAHAVSLT 120  
Db 61 RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTTRFFLGLFISCFSCLLAHAVSLT 120  
QY 121 KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNTNNVFSSELSAPRNEDFVLL 180  
Db 121 KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNTNNVFSSELSAPRNEDFVLL 180  
QY 181 LTYVLFMALTFMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRW 240  
Db 181 LTYVLFMALTFMSSFTFCGSGTGWKRHGAHIYLTMLLSIAIWAWITLLMLPDFDRW 240  
QY 241 DDTILSSALAANGWVFLAYVSPFLLTKQRNPMDDYPVEDAFCKPQLVKVSGYENRAY 300  
Db 241 DDTILSSALAANGWVFLAYVSPFLLTKQRNPMDDYPVEDAFCKPQLVKVSGYENRAY 300  
QY 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357  
Db 301 SQEITQGFETGDTLYAPYSTHFLQONQPPQKEFSIPRAHAWPSPYKDYEVKKEGS 357

RESULT 21

US-10-600-816-19  
; Sequence 19, Application US/10600816  
; Publication No. US20040121362A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR  
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY  
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION  
; FILE REFERENCE: D0251 NP  
; CURRENT APPLICATION NUMBER: US/10/600,816  
; CURRENT FILING DATE: 2003-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/390,850  
; PRIOR FILING DATE: 2002-06-20  
; PRIOR APPLICATION NUMBER: U.S. 60/407,006  
; PRIOR FILING DATE: 2002-08-29  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 19  
; LENGTH: 357  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: RA13 Polymorphic Allele Summary Sequence.  
; FEATURE:  
; NAME/KEY: MISC FEATURE  
; LOCATION: (118)..(118)  
; OTHER INFORMATION: wherein "Xaa" equals either 'Ser' or 'Gly'.  
; FEATURE:  
; NAME/KEY: MISC FEATURE  
; LOCATION: (182)..(182)  
; OTHER INFORMATION: wherein "Xaa" equals either 'Thr' or 'Ala'.  
; FEATURE:

```

Db      181  YVLFMLFLKSSFTFCGSFTGKSHGAHILYLTMLLSIAIWAWITLLMLPDFDRWDD 240
QY      243  TILSSALAANGWVFLLAYVSPFWLLITKQRNPMDYPVEDAFCKPQLVKKSYGVENRAYSQ 302
Db      241  TILSSALAANGWVFLLAYVSPFWLLITKQRNPMDYPVEDAFCKPQLVKKSYGVENRAYSQ 300
QY      303  BEITQGFEEFTGDTLYAPYSTHFQLOQOPPOKEFSIPRAHAWP 344
Db      301  BEITQGFEEFTGDTLYAPYSTHFQLOQOPPOKEFSIPRAHAWP 342

RESULT 23
US-09-866-050A-326
; Sequence 326, Application US/09866050A
; Publication No. US20030040471A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1011c4U
; CURRENT APPLICATION NUMBER: US/09/866, 050A
; CURRENT FILING DATE: 2001-03-24
; NUMBER OF SEQ ID NOS: 725
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 347
; TYPE: PRT
; ORGANISM: Human
US-09-866-050A-326

```

Query Match	95.5%;	Score 1782;	DB 3;	Length 347;			
Best Local Similarity	99.1%;	Pred. No. 2.7e-163;					
Matches 341;	Conservative	2;	Mismatches 1;	Indels 0;			
Gaps	0;						
QY	14	KSYYRLCDKBAWGI	VLETATAGVVT	SVAFMLTLP	TLVLCVKQVDSNR	KMLPTQFL	FL 73
DB	4	RPRYYRLCDKBAWGI	VLETATAGVVT	SVAFMLTLP	TLVLCVKQVDSNR	KMLPTQFL	FL 63
QY	74	GVLGIFGLTF	FAIILIGD	SGTGPTREF	FLGILF	SIFCSCLLAH	AVSLTKLVGRKPLSLV 133
DB	64	GVLGIFGLTF	FAIILIGD	SGTGPTREF	FLGILF	SIFCSCLLAH	AVSLTKLVGRKPLSLV 123
QY	134	ILGLAVGFS	LVQDVIAIEY	IVLTMRTNN	VNFSELSAP	RNEDFVLLTY	VLFLMALTFL 193
DB	124	ILGLAVGFS	LVQDVIAIEY	IVLTMRTNN	VNFSELSAP	RNEDFVLLTY	VLFLMALTFL 183
QY	194	MSSTFTCG	SFTGKRG	HAHIYLTML	SIAIWAWIT	LLMLPDPDR	RWDDTILSSALAANG 253
DB	184	MSSTFTCG	SFTGKRG	HAHIYLTML	SIAIWAWIT	LLMLPDPDR	RWDDTILSSALAANG 243
QY	254	WVFLLA	VSPFEF	WLLTKQR	NPMDPVED	AFCKFQ	LVKKSYGVENRAYSOEITQGFEEG 313
DB	244	WVFLLA	VSPFEF	WLLTKQR	NPMDPVED	AFCKFQ	LVKKSYGVENRAYSOEITQGFEEG 303
QY	314	DTLYAP	YSTHFQ	LQNQPQ	KEFSIPRA	HAWPSPY	KOYEVKKEGS 357
DB	304	DTLYAP	YSTHFQ	LQNQPQ	KEFSIPRA	HAWPSPY	KOYEVKKEGS 347
RESULT 24							
US-09-864-761-35804							
; Sequence 35804							
; Patent No. US20020048763A1							
; GENERAL INFORMATION:							
; APPLICANT: Penn, Sharon G.							
; APPLICANT: Rank, David R.							
; APPLICANT: Hanzel, David K.							

```

; NAME/KEY: MISC_FEATURE
; LOCATION: (307)...(307)
; OTHER INFORMATION: wherein "xaa" equals either 'Gln' or 'Arg'.
US-10-600-816-19

Query Match          99.2%; Score 1850; DB 4; Length 357;
Best Local Similarity 99.2%; Pred. No. 7.5e-170;
Matches 354; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1  MATTVPDGCNGRLKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
DB      1  MATTVPDGCNGRLKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60

QY      61  RRKMLPTQFLFLGVLGIFGLTFATFIIGDGGTGTRFELGILFSCICLLAAHVSILT 120
DB      61  RRKMLPTQFLFLGVLGIFGLTFATFIIGDGGTGTRFELGILFSCICLLAAHVSILT 120

QY      121  KLVGRKPLSLVILGLAVGFSIQVDVIAIEVILTMRTNNVNFSELSAPRRNEDFVLL 180
DB      121  KLVGRKPLSLVILGLAVGFSIQVDVIAIEVILTMRTNNVNFSELSAPRRNEDFVLL 180

QY      181  LTVYLFMLALTFLMSSFTFCGSGPTGKRRHGAHYILTMLLSIAIWAVITLLMLPDFDRRW 240
DB      181  LXYVLFMLALTFLMSSFTFCGSGPTGKRRHGAHYILTMLLSIAIWAVITLLMLPDFDRRW 240

QY      241  DDTILSALLAANGWVFLLAYVSPFEFMLLTQRPNPDYPVEDAFCKPQLVKKSIGYENRAY 300
DB      241  DDTILSALLAANGWVFLLAYVSPFEFMLLTQRPNPDYPVEDAFCKPQLVKKSIGYENRAY 300

QY      301  SOEETITGFEETGDTLYAPYSTHFOLQNPQPKFESI PRAHAWPSYKDYEVKKSGS 357
DB      301  SOEETITGFEETGDTLYAPYSTHFOLQNPQPKFESI PRAHAWPSYKDYEVKKSGS 357

RESULT 22
US-10-224-289-10
; Sequence 10, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; APPLICANT: STEWART, TIMOTHY A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; TITLE OF INVENTION: NUCLEIC ACID
; FILE REFERENCE: 9800081-0085
; CURRENT APPLICATION NUMBER: US/10/224,289
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/313,940
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 342
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-224-289-10

Query Match          95.8%; Score 1786; DB 4; Length 342;
Best Local Similarity 100.0%; Pred. No. 1.1e-163;
Matches 342; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3  TTVPDGCNGRLKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSNR 62
DB      1  TTVPDGCNGRLKSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSNR 60

QY      63  KMLPTQFLFLGVLGIFGLTFATFIIGDGGTGTRFELGILFSCICLLAAHVSILT 122
DB      61  KMLPTQFLFLGVLGIFGLTFATFIIGDGGTGTRFELGILFSCICLLAAHVSILT 120

QY      123  VRGRKPLSLVILGLAVGFSIQVDVIAIEVILTMRTNNVNFSELSAPRRNEDFVLLT 182
DB      121  VRGRKPLSLVILGLAVGFSIQVDVIAIEVILTMRTNNVNFSELSAPRRNEDFVLLT 180

QY      183  YVLFMLALTFLMSSFTFCGSGPTGKRRHGAHYILTMLLSIAIWAVITLLMLPDFDRWD 242
DB      183  YVLFMLALTFLMSSFTFCGSGPTGKRRHGAHYILTMLLSIAIWAVITLLMLPDFDRWD 242

```

APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aecm1ca-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774,203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
SEQ ID NO 35804  
LENGTH: 313  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: MAP TO AC007688.15  
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2  
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 35  
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2  
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.8  
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.8  
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 3.9  
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 31  
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2  
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.9  
OTHER INFORMATION: EST HUMAN HIT: AUI40676.1, EVALUAE 2.00e-98  
OTHER INFORMATION: SWISSPROT HIT: P22815, EVALUAE 7.00e-06  
US-09-864-761-35804

Query Match 85.3%; Score 1591; DB 3; Length 313;  
Best Local Similarity 100.0%; Pred. No. 6.7e-145;  
Matches 308; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MATTVPDGRNGLKSKYYRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSN 60  
DB 1 MATTVPDGRNGLKSKYYRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSN 60  
QY 61 RRKMLPTQFLVLGLVIGLFTAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLT 120

DB 61 RRKMLPTQFLVLGLVIGLFTAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLT 120  
QY 121 KLVGRGKPLSLVILGLAVGFSLVQDVIAIEYIVLTWNRNNTNVNFSELSAPRNEDFVLL 180  
DB 121 KLVGRGKPLSLVILGLAVGFSLVQDVIAIEYIVLTWNRNNTNVNFSELSAPRNEDFVLL 180  
QY 181 LTYVLFMALTFMLMSFTFCGSGFTGWRGHAHYLTMLLSIAIWAIVITLLMLPDFDRRW 240  
DB 181 LTYVLFMALTFMLMSFTFCGSGFTGWRGHAHYLTMLLSIAIWAIVITLLMLPDFDRRW 240  
QY 241 DDTILSSALAANGWVFLAYVSPFEMLLTKQRNPMDDYPVEDAFCKPQLVKKSYGVENRAY 300  
DB 241 DDTILSSALAANGWVFLAYVSPFEMLLTKQRNPMDDYPVEDAFCKPQLVKKSYGVENRAY 300  
QY 301 SQEETITQG 308  
DB 301 SQEETITQG 308  
RESULT 25  
US-10-225-567A-619  
Sequence 619, Application US/10225567A  
Publication No. US20030113798A1  
GENERAL INFORMATION:  
APPLICANT: LifeSpan Biosciences  
APPLICANT: Brown, Joseph P.  
APPLICANT: Burmer, Glenn A.  
APPLICANT: Roush, Christine L.  
TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTOR  
FILE REFERENCE: 1920-4-4  
CURRENT APPLICATION NUMBER: US/10/225,567A  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/257,144  
PRIOR FILING DATE: 2000-12-19  
NUMBER OF SEQ ID NOS: 2292  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 619  
LENGTH: 345  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-225-567A-619  
Query Match 39.0%; Score 727.5; DB 4; Length 345;  
Best Local Similarity 45.7%; Pred. No. 2e-61;  
Matches 154; Conservative 55; Mismatches 117; Indels 11; Gaps 6;  
QY 17 YRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSNRRKMLPTQFLVLGL 76  
DB 12 YFLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSNRRKMLPTQFLVLGL 71  
QY 77 GIFGLTAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLTKLVGRKPLSLVILGL 136  
DB 72 GLFGLAFIIEIENQOTAPVYFEGVLFALCFCLLAHAVSLTKLVGRKPLSLVILGL 131  
QY 137 LAVGFSLVQDVIAIEYIVLTWNRNNTNVNFSELSAPRNEDFVLLTYVLFMALTFMLMS 196  
DB 132 IAIAGCSLLQIIATEYVTLIMTRG--MMFVNMTPCQLNVDFVLLVYVLFMALTFVFSK 189  
QY 197 FTFCGSGFTGWRGHAHYLTMLLSIAIWAIVITLLML--PDFDR--RWDGTTLSALAAN 252  
DB 190 ATFCGCGCNWKGHRLIFITVLSIIHWVWISMLLRGNPQFQRPQDDPVCIALVTN 249  
QY 253 GWVFLAYVSPFEMLLTKQRNPMDDYPVEDAFCKPQLVKKSYGVENRAYSQEETITQGFBET 312  
DB 250 ANVFLVYVPELCLILYRSCR--QECPLQGNACPVYAYOHFSQVENQELSRARSDGAE- 307  
QY 313 GDTLYAPVSTHFQIQNOPQKEFSIPRAHAWPSYKD 349  
DB 308 -DVALTSYGTPIQPTVDPTQECFIPQAKL--SPOOD 341

Search completed: June 13, 2006, 13:16:40

us-10-600-816-3.rapbm

Wed Jun 14 13:39:16 2006

Job time : 78 secs

\_\_\_\_\_